

## **Use of the substance/preparation**

**UV Pigments 233-013A- 233-018**



## **Hazards identification**

### **Classification**

This substance is not classified as dangerous according to Directive 67/548/EEC.

### **Explication of special hazards for human health and environment**

This substance is not classified as dangerous in according to Regulation (EC) No 1272/2008.

### **First aid measures**

#### **General information**

Remove contaminated soaked clothing immediately.  
In the event of persistent symptoms receive medical treatment.

#### **After inhalation**

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. In the event of symptoms refer for medical treatment.

#### **After contact with skin**

Wash off immediately with soap and plenty of water. In case of irritation consult a physician.

#### **After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

#### **After ingestion**

Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.  
Induce vomiting only upon the advice of a physician.

#### **Fire-fighting measures Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

#### **Extinguishing media which must not be used for safety reasons**

Full water jet.

## **Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Fire may produce:

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>).

Dust may form explosive mixture in air.

## **Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply. Protective suit.

## **Additional information**

Cool containers at risk with water spray jet.

Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## **Accidental release measures Personal precautions**

Do not breathe dust.

Respirator must be worn if exposed to dust. Ensure adequate ventilation.

Use personal protective clothing.

Avoid contact with skin, eyes and clothing. Remove all sources of ignition.

## **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

## **Methods for cleaning up/taking up**

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.

## **Additional information**

Dust may form explosive mixture in air.

## **Handling and storage**

### **Handling**

#### **Advice on safe handling**

Keep container tightly closed.

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Do not breathe dust.

Avoid contact with skin, eyes and clothing.

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Dust may form explosive mixture in air.

Avoid formation of dust.

## **Storage**

### **Requirements for storage rooms and vessels**

Keep containers tightly closed in a dry, well-ventilated place.

### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

## **Exposure controls/personal protection**

### **Exposure limit values**

#### **Additional advice on limit values**

Obey TLV for common dust, if applicable.

#### **Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

#### **Protective and hygiene measures**

Do not breathe dust.

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

Do not wear contact lenses when handling the product.

Remove and wash contaminated clothing before re-use.

#### **Respiratory protection**

Respirator must be worn if exposed to dust.

#### **Hand protection**

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Profi 729> made by [www.kcl.de](http://www.kcl.de).

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

#### **Eye protection**

Eye wash bottle with pure water. Tightly fitting goggles.

#### **Skin protection**

Long sleeved clothing.

## **Physical and chemical properties General information**

Physical state : Colour : Odour :

Powder Various Odourless

## **Important health, safety and environmental information**

### **Changes in the physical state**

Flash point : n.a. **Flammability**

92/69/EEC, A10

Not highly flammable

Solid :

Lower explosion limits : n.d. Water solubility : Insoluble

(at 20 °C)

### **Other information**

Ignition temperature :

### **Stability and reactivity**

n.d.

### **Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Avoid development of dust.

### **Hazardous decomposition products**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>)

### **Additional information**

No decomposition if stored and applied as directed.

### **Toxicological information**

#### **Acute toxicity**

LD<sub>50</sub>/oral/rat: > 2000 mg/kg (2004/73/EC, B.1) (\*)

(\*) Amber, Corn Yellow, Flame, Midnight Grey, Pacific Blue, Palatinate Purple, Plum Red, Ruby, Rush Yellow, Sunflower

LD<sub>50</sub>/dermal/rabbit: No data available.

LC<sub>50</sub>/inhalativ/rat: No data available.

#### **Specific effects in experiment on an animal**

No data available.

### **Corrosive and irritant effects**

No data available.

### **Sensitizing effects**

No data available.

### **Severe effects after repeated or prolonged exposure**

No data available.

### **Carcinogenic/mutagenic/toxic effects for reproduction**

No data available.

### **Empirical data on effects on humans**

Product dust may be irritating to eyes, skin and respiratory system.

### **Further information**

Our dates do not cover total texture toxic judgement. Follow the usual hygienic directives for handling with chemicals.

### **Ecological information Ecotoxicity**

No data available.

### **Mobility**

No data available.

### **Persistence and degradability**

No data available.

### **Bioaccumulative potential**

No data available.

### **Further information**

Do not flush into surface water or sanitary sewer system. Hazardous water pollutant.

### **Disposal considerations**

#### **Advice on disposal**

Can be incinerated, when in compliance with local regulations. Where possible recycling is preferred to disposal.

#### **Waste disposal number of waste from residues/unused products**

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents,

washing liquids and mother liquors  
Classified as hazardous waste.

### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.  
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.  
Packaging that cannot be cleaned should be disposed of like the product.

### **Transport information Other applicable information**

No hazardous material as defined by the transport regulations.

### **Regulatory information**

#### **Labelling**

##### **Additional advice on labelling**

According to EC-regulations the product is to be labelled as follows:

##### **Special labelling for certain preparations**

Caution — substance not yet tested completely.

##### **EU regulatory information**

1999/13/EC (VOC) :

##### **National regulatory information**

Water contaminating class (D) :

### **Other information**

#### **Further Information**

0 %

2 - water contaminating

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)